

**08329882 PINO ARROYO AT JEFFERSON STREET AT ALBUQUERQUE, NM**

Rio Grande-Elephant Butte Basin  
Rio Grande-Albuquerque Subbasin

LOCATION.--Lat 35°09'34", long 106°35'51" referenced to North American Datum of 1983, Bernalillo County, NM, Hydrologic Unit 13020207, in the Elena Gallegos Grant, on the right bank 1,200 ft downstream from the Jefferson Street culvert over Pino Arroyo, approximately 1,200 ft north of the intersection of Jefferson St. and Osuna Road in northeast Albuquerque.

DRAINAGE AREA.--8.3 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--May 18, 2000, to December 4, 2003; March 2004 to current year (seasonal records).

GAGE.--Water-stage recorder, crest-stage gage, and concrete-lined channel. Elevation of gage is 5,119 ft above NGVD of 1929, from topographic map.

REMARKS.--Water-stage records good except for those estimated, which are poor. Since installation of the large static tube around the orifice on Aug. 22, 2001, only flows more than about 0.03 ft deep (1.03 ft on recorder) will cover the orifice sufficiently to record true water depths. This channel often shows trickle flows not related to rainfall.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,860 ft<sup>3</sup>/s, August 5, 2006, gage height, 4.99 ft.

EXTREMES FOR CURRENT YEAR.--For Water Year 2010, maximum discharge during period of seasonal operation, 561 cubic feet per second, on September 22, 2010, gage height, 3.25 feet.

For Water Year 2011, maximum discharge during period of seasonal operation, 212 ft<sup>3</sup>/s, October 21, 2010, gage height, 2.40 ft.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	---	---	---	---	0.00	0.00	0.04	e0.00	e0.00	0.03
2	0.01	0.00	---	---	---	0.00	0.00	1.8	0.00	e0.00	0.08	0.00
3	0.00	0.00	---	---	---	0.00	0.00	0.00	0.00	e0.00	0.18	0.01
4	0.01	0.00	---	---	---	0.00	0.21	0.00	0.00	e0.00	0.25	0.18
5	0.16	0.00	---	---	---	0.00	0.00	0.02	0.04	e0.00	1.9	0.13
6	0.08	0.00	---	---	---	0.00	0.00	0.01	0.00	e0.00	0.25	0.05
7	0.97	0.02	---	---	---	1.5	0.00	0.00	0.00	e0.00	0.05	0.01
8	0.31	0.00	---	---	---	3.4	0.00	0.00	0.00	e0.00	0.09	0.03
9	0.00	0.00	---	---	---	0.00	0.00	0.00	0.01	e0.00	0.04	0.02
10	0.00	0.00	---	---	---	0.00	0.00	0.12	0.66	e0.00	0.14	0.01
11	0.01	0.00	---	---	---	0.35	0.00	0.00	0.00	e0.00	0.00	0.00
12	0.00	0.00	---	---	---	0.00	0.00	0.00	0.00	e0.00	0.00	0.01
13	0.00	0.00	---	---	---	0.00	0.00	0.00	0.00	e0.00	0.01	0.00
14	0.00	0.00	---	---	---	0.49	0.00	0.00	0.00	e0.00	0.00	0.01
15	0.00	0.21	---	---	---	0.00	0.00	0.30	0.00	e0.00	1.8	0.01
16	0.00	0.01	---	---	---	0.00	0.03	0.02	0.00	e0.00	0.34	0.00
17	0.00	0.00	---	---	---	0.00	3.5	0.01	0.02	e0.00	1.2	0.00
18	0.00	---	---	---	---	0.00	0.46	0.01	0.00	e0.00	0.10	0.00
19	0.00	---	---	---	---	0.08	0.00	0.12	0.00	e0.00	0.11	0.00
20	9.7	---	---	---	---	0.38	0.00	0.02	0.00	e0.00	0.01	5.0
21	4.7	---	---	---	---	0.00	0.00	0.17	0.00	e0.00	0.00	0.30
22	0.00	---	---	---	---	0.02	1.7	0.26	0.00	e0.00	0.00	35
23	0.00	---	---	---	---	0.46	0.04	0.18	0.00	e0.00	1.3	1.9
24	0.00	---	---	---	---	0.57	0.00	0.03	0.00	e5	0.35	0.03
25	0.00	---	---	---	---	0.00	0.00	0.08	0.07	e2	0.01	0.02
26	0.00	---	---	---	---	0.00	0.00	0.14	0.09	e8	0.00	0.01
27	0.00	---	---	---	---	0.00	0.00	0.28	0.11	e0.0	0.00	0.02
28	1.5	---	---	---	---	0.00	0.01	0.20	8.3	e5	3.3	0.01
29	0.11	---	---	---	---	0.00	0.00	0.05	e0.50	e0.00	0.17	1.6
30	0.00	---	---	---	---	0.00	0.00	0.01	e0.00	e0.00	0.01	0.01
31	0.00	---	---	---	---	0.00	---	0.02	---	e0.5	0.02	---
<b>Total</b>	17.56	---	---	---	---	---	5.95	3.85	9.84	20.50	11.71	44.40
<b>Mean</b>	0.57	---	---	---	---	---	0.20	0.12	0.33	0.66	0.38	1.48
<b>Max</b>	9.7	---	---	---	---	---	3.5	1.8	8.3	8.0	3.3	35
<b>Min</b>	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
<b>Ac-ft</b>	35	---	---	---	---	---	12	7.6	20	41	23	88

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